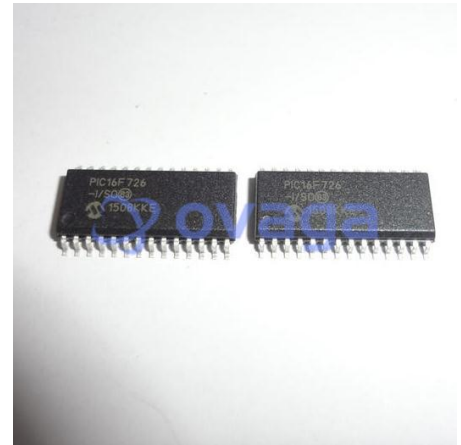8 Bit MCU, Flash, PIC16 Family PIC16F7XX Series Microcontrollers, 20 MHz, 14 KB, 368 Byte, 28 Pins

Manufacturers	Microchip Technology, Inc
Package/Case	SOIC-28
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	

Images are for reference only

Please submit RFQ for PIC16F726-I/SO or Email to us: sales@ovaga.com We will contact you in 12 hours.

RFQ

General Description

DEVICE OVERVIEW
The PIC16F72X/PIC16LF72X devices are covered by this data sheet. They are available in 28/40/44-pin packages. Figure 1-1 shows a block diagram of the PIC16F722/723/726/PIC16LF722/723/726 devices
and Figure 1-2 shows a block diagram of the PIC16F724/727/PIC16LF724/727 devices. Table 1-1
shows the pinout descriptions.

Features

Mid-Range core with 35 Instruction, 8 Stack Levels

Flash Program Memory

Internal 16MHz oscillator

I²C™, SPI, AUSART

2 X CCP (Caputure/Compare/PWM)

11 Channel 8b ADC

25mA Source/Sink current I/O

One 8-bit Timer (TMR0)

Two 16-bit Timer (TMR1/TMR2)

Watchdog Timer (WDT)

Enhanced Power-On/Off-Reset

Brown-Out Reset (BOR)

In Circuit Serial Programming™ (ICSP™)

Built-in mTouch™ capacative sensing module

Wide Operation Voltage Variant 'F' (1.8V – 5.5V)
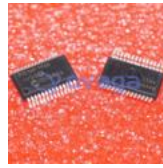
eXtreme Low Power (XLP) 'LF' Variant (1.8V – 3.6V)

Related Products

PIC24F16KA101-I/SS

Microchip Technology, Inc

SSOP-20

PIC16F1936-I/SS
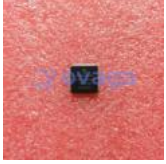
Microchip Technology, Inc

SSOP-28
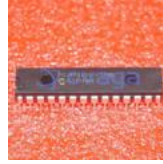
PIC16F1938-I/SP

Microchip Technology, Inc

PDIP-28

PIC18F23K22-I/SP

Microchip Technology, Inc

SPDIP-28

PIC18F6520-I/PT

Microchip Technology, Inc

TQFP-64

PIC18F2620-I/SP

Microchip Technology, Inc

SPDIP-28

PIC18F2620-I/SO

Microchip Technology, Inc

SOIC-28

PIC18F97J60T-I/PT

Microchip Technology, Inc

TQFP-100